

IN THE ABSTRACT:

Please enter the attached substitute Abstract of the Disclosure for that originally filed with this application.

ABSTRACT OF THE DISCLOSURE

A power plug with overloaded display providing users with a function of a warning display for protecting the power plug from over-heated melting and from shorting and catching on fire. The plug includes an embedded positioned block arranged on a periphery of electric metal-pins of the power plug, and a thermochromic film is coated on the surface of the embedded positioned block, and warning characters are printed on the embedded positioned block. The external body of the power plug is made by injection modeling with mixed transparent PVC and thermochromic materials, or the embedded positioned block may be directly injected with thermochromic materials, or connected with a detecting transistor linked by a light emitting diode (LED). When the power plug is over-heated and the temperature of the power plug generally increases, the thermochromic materials or the LED will display a warning message.